

# [ELECTRICALLY SHIELDING LIGHT GUIDE FOR A LIQUID CRYSTAL DISPLAY]

## Abstract of Disclosure

A liquid crystal display (LCD) light guide is provided for use in a portable electronic device. The electronic device contains electronic components, a ground pad, an electrically conductive sponge, an LCD module, a light guide, and a light source. The light guide includes a translucent plate having a metallic reflector disposed on one face. The light guide provides illumination to an LCD module and simultaneously acts as a shield against electrostatic discharge and electromagnetic radiation.

## Figures